

# Crop Weather Report



Issue: 05-15  
Released: 2:00 p.m., MDT, June 20, 2005  
For the Week Ending: June 19, 2005

Issued: Weekly: April-October  
Monthly: November-March

## Agricultural Summary

There were 3.0 days suitable for field work during the week, more than last week but still hindered by areas of heavy precipitation. Drought stressed crops were relieved by the recent precipitation. Some areas reported precipitation heavy enough to choke crops and impede field work. Large hail and high winds were reported in several areas of the State last week causing some crop damage.

Montana encountered high temperatures in the upper 80s to the low 90s. Hardin had the high temperature during the week at 94 degrees. The lows for the State were mainly in the mid 30s. Wisdom and Cooke City tied for the low temperature of 27 degrees. The State experienced moderate to heavy precipitation over the last week. Cascade received the most moisture with 1.98 inches of precipitation. Topsoil moisture is 82% adequate, ahead of last year's 65%. Subsoil moisture showed improvement over the week with 68% adequate compared with 59% last week, well above the five year average of 38%.

The weather outlook for the week of June 27 through July 3 is for below normal temperatures and above normal precipitation west of the divide and near normal temperatures and above normal precipitation east of the divide. State normals for temperatures are highs in the lower 70s to mid 80s, and lows in the upper 30s to upper 50s.

Soil Moisture and Condition	This Week	Last Week	Last Year	5 Yr Avg.
<b>Topsoil Moisture</b>				
Very Short	1	0	9	8
Sort	6	5	21	24
Adequate	82	77	65	63
Surplus	11	18	5	5
<b>Subsoil Moisture</b>				
Very Short	7	10	28	24
Short	20	26	33	37
Adequate	68	59	38	38
Surplus	5	5	1	1

Days Suitable For Fieldwork	This Week	Last Week	Last Year	5 Yr Avg.
Days	3.0	1.6	5.0	4.7

## Field Crops Report

Winter wheat boot is ahead of last year, heading is behind last year, and condition is better than last year. Spring wheat boot is ahead of last year and condition is better than last year. Durum wheat emergence at 100% is well ahead of last year's 76%, with 25% boot. Durum condition is behind last year. Barley boot progress is behind last year and headed progress is slightly ahead of last year. Barley condition is better than last year. Oat condition is better than last year, boot and emergence progress are both ahead of last year. Dry bean condition is better than last year. Corn emergence is slightly ahead of last year. Hay harvest is under way, both alfalfa and other hay are behind last year's first cutting.

Crop Progress	This Week	Last Week	Last Year	5 Yr Avg.
<b>Winter Wheat</b>				
Boot	94	78	92	90
Headed	57	29	63	58
<b>Spring Wheat</b>				
Boot	23	17	15	25
<b>Durum Wheat</b>				
Emerged	100	93	76	n/a
Boot	25	8	n/a	n/a
<b>Barley</b>				
Boot	30	11	39	36
Headed	6	n/a	5	10
<b>Oats</b>				
Emerged	100	94	98	97
Boot	27	11	26	25
<b>Dry Beans</b>				
Emerged	94	71	93	95
<b>Corn</b>				
Emerged	98	85	97	99
<b>Hay Harvested</b>				
Alfalfa	7	1	12	13
Other Hay	5	1	8	6

Crop Condition	This Week	Last Week	Last Year	5 Yr Avg.
<b>Winter Wheat</b>				
Very poor	0	2	4	16
Poor	5	9	12	22
Fair	31	31	32	24
Good	45	41	41	29
Excellent	19	17	11	9
<b>Spring Wheat</b>				
Very poor	0	1	1	4
Poor	2	2	6	8
Fair	15	18	30	33
Good	67	64	59	48
Excellent	16	15	4	7
<b>Durum Wheat</b>				
Very poor	1	2	1	n/a
Poor	13	15	7	n/a
Fair	22	21	25	n/a
Good	49	46	59	n/a
Excellent	15	16	8	n/a
<b>Barley</b>				
Very poor	0	0	1	3
Poor	2	1	5	10
Fair	22	20	33	30
Good	60	62	51	46
Excellent	16	17	10	11
<b>Oats</b>				
Very poor	1	1	2	2
Poor	3	2	10	8
Fair	15	16	42	33
Good	65	67	43	47
Excellent	16	14	3	10
<b>Dry Beans</b>				
Very poor	0	1	0	1
Poor	3	4	3	2
Fair	8	15	63	44
Good	76	58	34	47
Excellent	13	22	0	6

## Livestock Report

Ninety-six percent of cattle and 90 percent of sheep have been moved to summer ranges. Range and pasture feed condition were mostly unchanged over the last week, but are better than last year.

Livestock Moved to Summer Ranges	This Week	Last Week	Last Year	5 Yr Avg.
Cattle and Calves	96	90	92	93
Sheep and Lambs	90	84	88	90

Range and Pasture Feed Condition	This Week	Last Week	Last Year	5 Yr Avg.
Very poor	4	3	14	13
Poor	9	8	26	22
Fair	28	29	34	30
Good	44	46	22	28
Excellent	15	14	4	7

## Weather Information for the Week ending June 19, 2005

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	78	35	55	3	-37	0.75	+0.33	7.16	+3.19	180	12.34	+2.65	127
Anaconda	74	33	55	3	-6	0.88	+0.33	7.74	+2.48	147	11.47	+1.93	120
Clinton	76	33	54	2	-44	0.56	+0.14	9.27	+5.30	234	16.01	+6.32	165
Corvallis	78	35	55	3	-32	0.43	+0.03	4.61	+0.85	123	6.42	-3.08	68
Creston	73	37	54	3	-31	0.70	+0.04	9.32	+3.61	163	15.09	+1.13	108
Deer Lodge	75	31	54	3	-12	1.14	+0.72	6.20	+2.45	165	7.67	+1.06	116
Drummond	79	31	53	2	-38	0.97	+0.52	4.77	+0.58	114	6.49	-2.56	72
Hamilton	77	38	56	4	-30	0.50	+0.10	3.64	-0.12	97	5.00	-4.50	53
Kalispell	76	35	54	3	-21	0.62	+0.08	6.26	+1.80	140	11.69	-0.34	97
Missoula	77	35	55	4	-29	0.58	+0.16	6.35	+2.38	160	9.33	-0.36	96
Olney	75	33	53	2	-34	1.11	+0.43	7.05	+1.66	131	14.35	-3.43	81
Polson	70	39	55	3	-41	0.61	+0.05	8.02	+2.92	157	13.07	+1.35	112
St Ignatius	74	40	56	4	-38	0.58	-0.04	8.92	+3.39	161	13.30	+1.53	113
Seeley lake	74	30	53	2	-22	0.44	-0.06	6.32	+1.61	134	14.83	-2.23	87
Sula	72	29	54	3	-9	0.36	-0.17	6.62	+1.38	126	8.47	-3.06	73
Superior	77	34	58	5	-26	1.10	+0.68	6.48	+2.42	160	11.80	-0.86	93
Swan Lake	73	33	52	2	-30	1.08	+0.40	9.69	+3.71	162	23.94	+1.87	108
Thompson Falls	80	39	56	4	-43	0.49	+0.00	5.08	+0.16	103	11.53	-7.26	61
West Glacier	78	36	56	4	-18	0.17	-0.60	8.43	+2.01	131	24.75	+2.45	111
NORTH CENTRAL													
Chester	76	39	60	7	-12	0.58	+0.06	4.75	+0.78	120	6.91	+0.53	108
Chinook	80	42	61	8	-20	1.61	+1.12	7.36	+2.77	160	9.76	+2.45	134
Choteau	77	38	58	5	-24	0.39	-0.12	6.22	+1.96	146	8.73	+2.51	140
Cut Bank	72	38	56	4	-20	0.63	+0.05	7.83	+3.15	167	9.09	+2.08	130
Ft Assiniboine	81	43	63	9	-8	1.76	+1.34	6.77	+2.51	159	8.83	+1.56	121
Fort Benton	81	40	62	8	-9	0.88	+0.26	5.21	-0.21	96	9.17	-0.37	96
Goldbutte	74	35	57	5	-19	0.46	-0.17	6.90	+1.95	139	9.94	+2.26	129
Harlem	80	42	63	9	-4	0.98	+0.56	6.94	+2.98	175	M	M	M
Havre	80	43	63	9	-5	1.57	+1.15	6.06	+2.32	162	7.57	+0.85	113
Port of Morgan	84	46	64	9	+8	0.28	-0.28	4.50	-0.15	97	5.74	-1.53	79
Rudyard	76	40	59	6	-36	1.07	+0.52	4.25	-1.12	79	6.79	-1.94	78
Turner	81	42	63	9	+0	0.34	-0.22	5.90	+1.25	127	7.91	+0.64	109
Valier	73	41	58	5	-16	0.30	-0.29	6.54	+1.80	138	8.63	+1.53	122
NORTHEAST													
Bredette	85	49	66	11	+11	1.06	+0.44	6.18	+1.75	140	8.26	+1.56	123
Culbertson	88	46	69	13	+30	0.26	-0.44	5.79	+0.48	109	8.61	+0.59	107
Glasgow	88	48	67	11	+13	0.72	+0.23	4.82	+1.02	127	6.92	+0.82	113
Glendive	91	52	70	14	+20	0.98	+0.28	6.18	+1.00	119	8.95	+0.81	110
Jordan	88	45	65	10	-6	0.19	-0.37	7.82	+2.86	158	9.60	+1.67	121
Nashua	90	48	69	13	+31	0.39	-0.10	7.73	+3.93	203	9.75	+3.65	160
Opheim	83	44	64	9	+15	1.76	+1.15	7.49	+3.31	179	8.56	+2.37	138
Plentywood	88	48	69	13	+36	0.20	-0.35	5.46	+0.95	121	7.69	+0.85	112
St Marie	88	48	66	11	+10	0.88	+0.39	4.66	+0.86	123	5.78	-0.32	95
Scobey	87	49	67	12	+23	0.93	+0.31	6.49	+2.06	147	8.66	+1.96	129
Sidney	86	50	68	13	+19	0.42	-0.21	6.01	+1.04	121	9.07	+0.99	112
Wolf Point	89	48	67	12	+13	0.88	+0.19	7.67	+1.97	135	8.76	-0.35	96
CENTRAL													
Cascade	76	33	56	4	-7	1.98	+1.35	8.75	+2.91	150	13.00	+3.44	136
Grass Range	81	40	61	7	-10	1.68	+0.99	7.86	+1.00	115	10.91	-0.12	99
Great Falls	76	42	58	6	-24	1.43	+0.87	7.41	+1.84	133	10.19	-0.25	98
Harlowtown	80	41	60	7	-4	0.31	-0.34	6.85	+1.58	130	9.31	+0.66	108
Helena	82	41	59	6	-20	1.35	+0.92	6.60	+2.58	164	8.65	+1.20	116
Lewistown	80	36	58	5	-7	1.71	+0.99	8.15	+1.53	123	11.33	-0.65	95
Martinsdale	74	35	57	4	-8	0.35	-0.14	7.99	+3.19	166	10.92	+2.80	134
Neihart	81	33	58	5	+9	0.73	-0.03	9.06	+1.52	120	14.57	+0.55	104
Rogers Pass	74	38	56	4	-27	1.11	+0.55	8.41	+3.35	166	11.99	+3.65	144
Roundup	88	46	65	10	+2	1.14	+0.62	9.65	+4.74	197	12.74	+4.82	161
Ryegate	77	40	58	5	-6	0.91	+0.35	6.72	+2.05	144	9.95	+2.15	128
Stanford	80	39	60	7	+5	1.14	+0.41	5.55	-0.97	85	9.17	-1.57	85
Townsend	80	36	61	7	-4	0.29	-0.20	7.03	+3.19	183	8.80	+2.11	132
Valentine	82	45	62	8	-4	1.78	+1.22	6.32	+0.50	109	8.19	-0.98	89
Wht Sulphur Spr	78	35	57	5	+13	0.41	-0.22	6.22	+0.98	119	8.77	-2.06	81
SOUTHWEST													
Boulder	74	31	56	4	-13	0.50	+0.01	5.88	+1.88	147	7.53	+0.43	106
Bozeman	82	35	60	7	+2	0.37	-0.31	8.13	+1.11	116	13.36	-0.12	99
Butte	76	33	54	4	-4	0.37	-0.13	5.59	+1.38	133	7.21	-0.33	96
Dillon	77	36	56	4	-18	0.86	+0.38	7.23	+3.21	180	8.85	+2.55	140
Ennis	76	37	56	4	-15	1.30	+0.73	7.39	+2.53	152	9.51	+1.15	114
Lakeview	76	32	55	4	+19	0.05	-0.70	7.49	+1.58	127	16.28	+2.27	116
W Yellowstone	74	28	51	2	-5	0.75	+0.19	6.69	+1.61	132	14.28	-2.01	88
Wisdom	72	27	51	1	-14	0.37	-0.05	6.00	+2.43	168	8.67	+1.32	118
SOUTH CENTRAL													
Billings	87	46	64	9	-7	0.67	+0.20	6.84	+1.14	120	10.09	-1.07	90
Cooke City	70	27	50	1	-2	0.28	-0.36	8.14	+1.88	130	16.47	-1.63	91
Gardiner	80	38	61	7	-6	0.06	-0.29	3.12	-0.09	97	5.53	-1.11	83
Hardin	94	42	68	12	+25	0.85	+0.32	7.40	+1.44	124	9.98	-1.46	87
Huntley	88	41	63	9	-3	0.56	+0.01	9.11	+3.55	164	12.87	+3.14	132
Hysham	90	47	67	12	+10	1.15	+0.66	7.88	+2.58	149	10.09	+1.17	113
Joliet	90	40	61	7	-13	0.36	-0.10	7.57	+0.90	113	11.41	-0.50	96
Livingston	81	37	58	6	-16	0.79	+0.22	6.97	+0.94	116	11.13	+0.70	107
Nye	81	41	60	7	-6	0.25	-0.32	10.78	+4.75	179	15.34	+4.91	147
Rapelje	83	41	62	8	+2	0.66	+0.10	8.64	+2.86	149	12.79	+2.18	121
SOUTHEAST													
Albion	90	44	67	12	+23	0.18	-0.45	5.46	-0.12	98	7.86	-0.93	89
Baker	84	49	66	11	+6	1.08	+0.45	11.28	+5.97	212	14.61	+5.82	166
Broadus	89	46	68	12	+23	0.30	-0.26	9.23	+3.78	169	11.43	+2.06	122
Ekalaka	82	46	65	10	+8	1.08	+0.18	9.99	+3.16	146	13.51	+2.70	125
Miles City	89	45	67	12	-1	0.68	+0.00	8.04	+2.58	147	10.53	+1.39	115
Plevna	84	48	67	11	+12	1.03	+0.40	9.55	+4.24	180	12.58	+3.79	143
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days													